

Title (en)
CUTTING INSERT

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Application
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Priority
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Abstract (en)
[origin: EP0207914A1] The invention relates to an indexable cutting insert having a polygonal basic shape for chip forming machining, preferably for milling. The insert (10) comprises an upper face (11) and a lower face and edge surfaces (13-16) connecting them. Each corner portion of the insert (10) comprises a plurality of chamfers (41,43,46) arranged at the transition between the connected edge surfaces, a first chamfer (41) of which forms a minor cutting edge (42) at the line of intersection with the upper face (11). At least two further planar, second chamfers (43,46) are arranged between the first chamfer (41) and the associated edge surface (14), said second chamfers forming an obtuse internal angle with each other and forming cutting edges (45,47) with the upper face and therefore the cut chip avoids compressing and avoids a quick destruction of the corner portions of the insert.

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